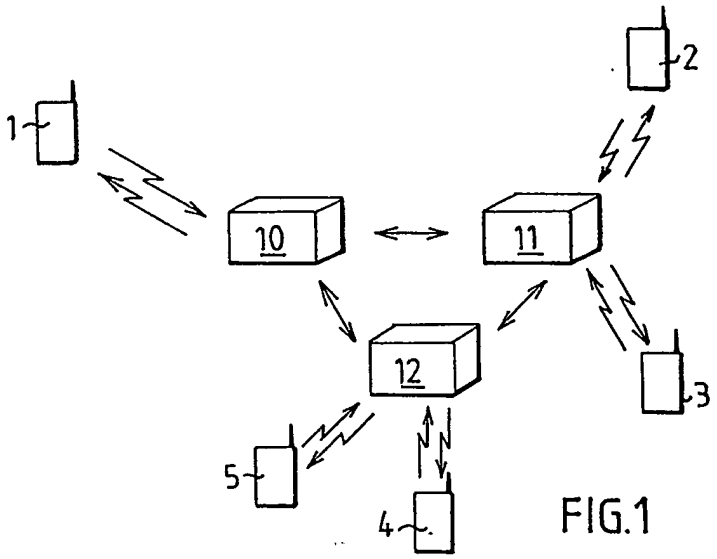
1
2
10
11
12
3
5
4

FIG.1

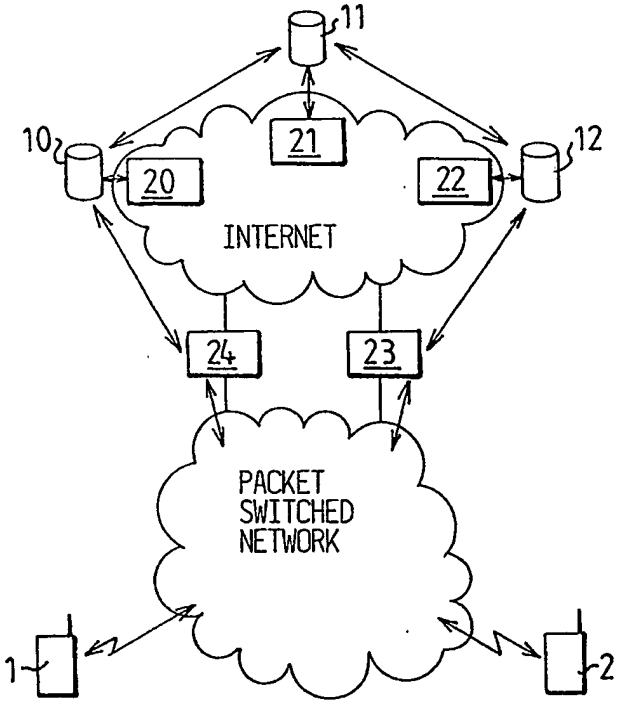
11
10
21
12
20
22
INTERNET
24
23
PACKET
SWITCHED
NETWORK
1
2

FIG.2

IRMV client A	IRMV server A (A's operator)	IRMV server B (B's operator)	IRMV client B
Register my dynamic IP address →			
	← Acknowledge registered IP address		
		←	Register my dynamic IP address
		Acknowledge registered IP address →	
What is B's IP address ? →			
	What is B's IP address ? →		
		←	B's IP address information
	← B's IP address information		

FIG. 3

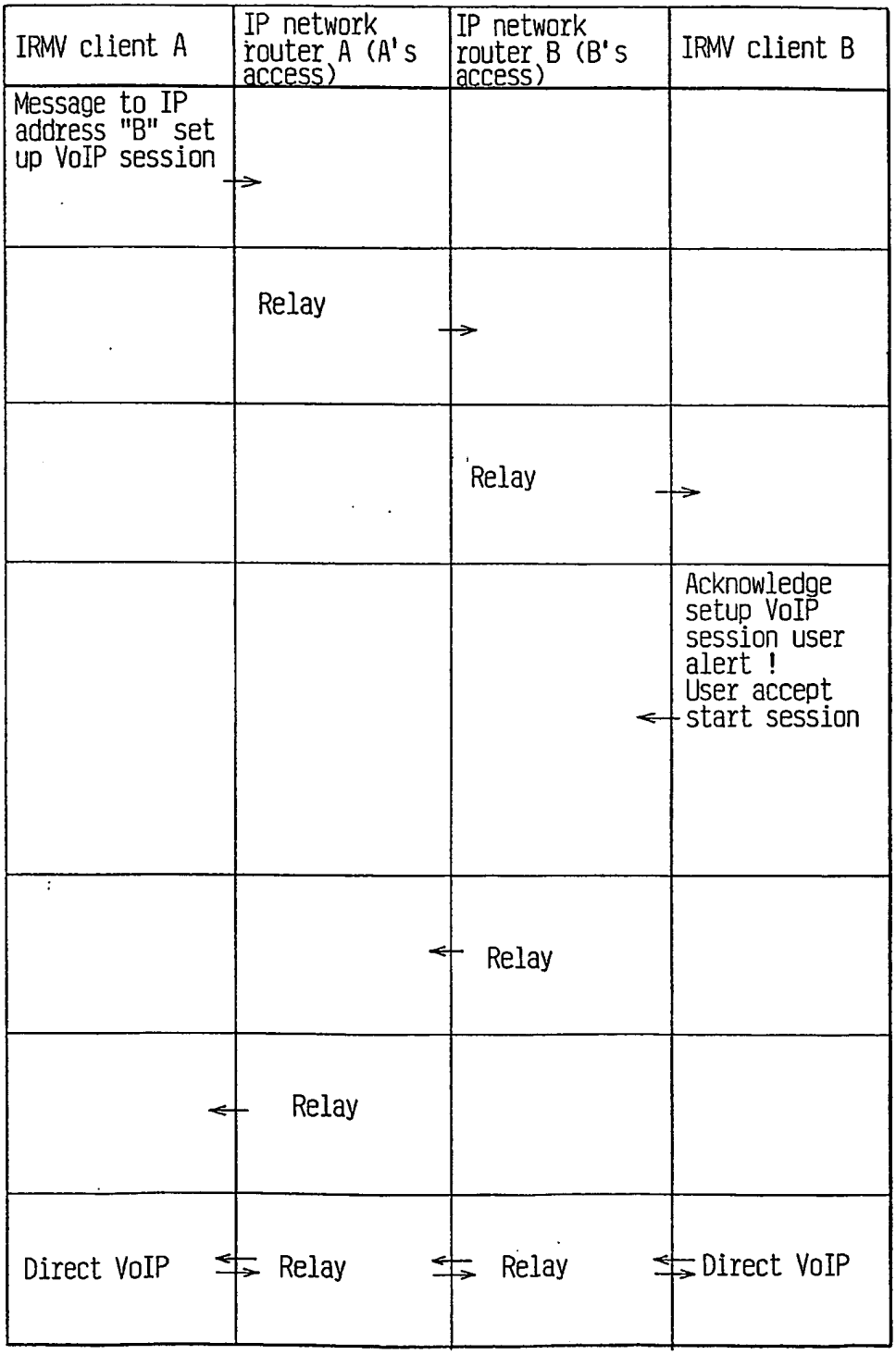
IRMV client A
IP network router A (A's access)
IP network router B (B's access)
IRMV client B
Message to IP address "B" set up VoIP session
Relay
Relay
Acknowledge setup VoIP session user alert !
User accept
start session
Relay
Relay
Direct VoIP
Relay
Relay
Direct VoIP

FIG. 4